

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Moser, et al.)	Group Art Unit Unknown
)	
Appl. No.	:	Unknown)	
)	
Filed	:	Herewith)	
)	
For	:	DENDRITIC-LIKE)	
		CELL/TUMOR CELL)	
		HYBRIDS AND)	
		HYBRIDOMAS FOR)	
		INDUCING AN ANTI-TUMOR)	
		RESPONSE)	
)	
Examiner	:	Unknown)	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination on the merits, please amend the above-captioned patent application as follows:

IN THE SPECIFICATION:

On page 1, line 10, following the Title of the Invention, please insert the following:

Cross-reference to Related Applications

The present application is a divisonal application of Application Number 09/951,849, filed September 10, 2001, which is a continuation of Application Number 09/049,502, filed March 27, 2001, which is a continuation-in-part of Application Number 09/025,405, filed February 18, 1998, which is a continuation of Application Number 08/625,507, filed March 29, 1996, abandoned, which is a continuation-in-part of Application Number 08/414,480, filed March 31, 1995, abandoned.

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On page 5, line 26, before the word "mice" and after the word "cure", please cancel the word "stngeneic" and replace it with the word "syngeneic".

On page 6, line 14, before the word "tumor" and after the word "source", please cancel the word "if" and replace it with the word "of".

On page 22, after line 18 and before the heading "Detailed Description of the Invention" on line 20, please insert the following:

Figure 15

CD8 α^+ , but not CD8 α^- , dendritic cells sensitize T helper-1 type cells in vivo.

Dendritic cells were released for murine spleen fragments and were separated into CD8 α^+ and CD8 α^- . The cells were injected into the footpads of syngeneic mice. Lymph node cells were cultured in the presence of serial dilutions of keyhole limpet hemocyanin (KLH).

Key: ♦ untreated mice
 mice receiving unseparated CD8 $\alpha^{+/-}$ cells
 mice receiving CD8 α^+ cells
 X mice receiving CD8 α^- cells

Figure 15a shows the proliferation of lymph node cells as measured by the thymidine uptake. The X axis is keyhole limpet hemocyanin (KLH) in $\mu\text{g/ml}$, and the Y axis is counts per minute. Lymph node cells from untreated mice did not proliferate upon stimulation with KLH in vitro. Figure 15b shows the interleukin-2 secretion as measured by ELISA. The X axis is keyhole limpet hemocyanin (KLH) in $\mu\text{g/ml}$, and the Y axis is optical density.

Figure 15c shows the interferon- γ secretion, as measured by two-site ELISA. The X-axis is keyhole limpet hemocyanin (KLH) in $\mu\text{g/ml}$, and the Y axis is optical density.

On page 40, line 9, please cancel the words "Qiabrane Nylon plus" and substitute the phrase "QIABRANE NYLON PLUS".

On page 40, line 18, please cancel the words "Polymerase Chain Reaction" and substitute the phrase "POLYMERASE CHAIN REACTION".

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REMARKS

Amendments were made to correct clerical errors in the specification. No new matter has been added.

Conclusion

Should any issues arise which may delay prosecution of the present application, the Examiner is respectfully invited to contact the undersigned at the telephone number appearing below.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/7/02

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